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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

565268

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COUNTRY	Czechoslovakia	REPORT	
SUBJECT	Radar Station near Karlovy Vary	DATE DISTR.	1954
DATE OF INFO.		NO. OF PAGES	2
PLACE ACQUIRED		REQUIREMENT NO.	RD
DATE ACQUIRED		REFERENCES	
		This is UNEVALUATED Information	

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. A radar station is located southeast of Karlovy Vary at the southern end of the civilian airport and about 400 - 500 meters east of the Karlovy Vary - Kolovice road. From the road, the upper part of the electric transformer and of the antenna tower can be seen. The tower, which is surrounded by woods, rises about 6 - 8 meters above the trees. 25X1
2. The station was built in the period between March and June 1955. It is probable that other radar stations were installed at that time because an identical set was observed being transported on three railroad flat-cars in the direction of Nejdek - Potucký. 25X1
3. Soldiers in khaki uniforms were observed in the cabin on the top of the tower; they were armed with submachine guns.
4. The whole installation consists of three parts: an electric transformer, a building, and the radar tower with the antenna. The tower is of steel construction; it is approximately 15 meters high. Its base is a square about 4x4 meters large; the top is a square about 1x1 meter large. Inside the construction is an iron ladder which leads into a wooden frame glass cabin 2 meters high and 2.5 meters wide with a gallery on all four sides. 25X1

Legend for the sketch

1. Metal tube, 15 centimeters in diameter, 2.5 meters high.
2. Metal fork, bearing the antenna, 1.5 meters long, 40 centimeters wide.
3. Cogwheel, controlling the vertical movement of the antenna.
4. Metal tube, 15 centimeters in diameter, bearing the antenna, about 1 meter long.
5. Metal tube, 7 centimeters in diameter.
6. Electric cable, partly protected by a metal spiral.

25X1

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC						
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(Note: Washington distribution indicated by "X"; Field distribution by "#").

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25X1

7. Carrying block which bears the antenna and permits its vertical movement; the horizontal movement is performed by turning the metal tube (Point #1) in its seat on the top of the cabin. The carrying block is a cube with sides 40 centimeters large.
8. Funnel-like opening of the carrying metal tube.
9. Radar antenna made of some silver-plated metal; length 60 centimeters, diameter 150 centimeters.
10. Wire net inside the antenna bowl; the netting is of fine multicord cable of golden color; the squares are only about 2 x 2 millimeters in size.
11. Metal plates of silver color; width at the rim 25-30 centimeters, in the center 5 - 10 centimeters, thickness about 1 centimeter. The distance between the plates at the rim is about 30 centimeters.
12. Silver-colored metal rod protruding about 80 centimeters above the level of the antenna rim. The rod is about 3 centimeters thick.
13. Ball at the end of the rod, about 2 centimeters in diameter.
14. Four wires, about 2-3 millimeters thick, leading from the ball to the antenna rim. The wires are gray and the same kind of wire is spirally wound along the rod.

25X1

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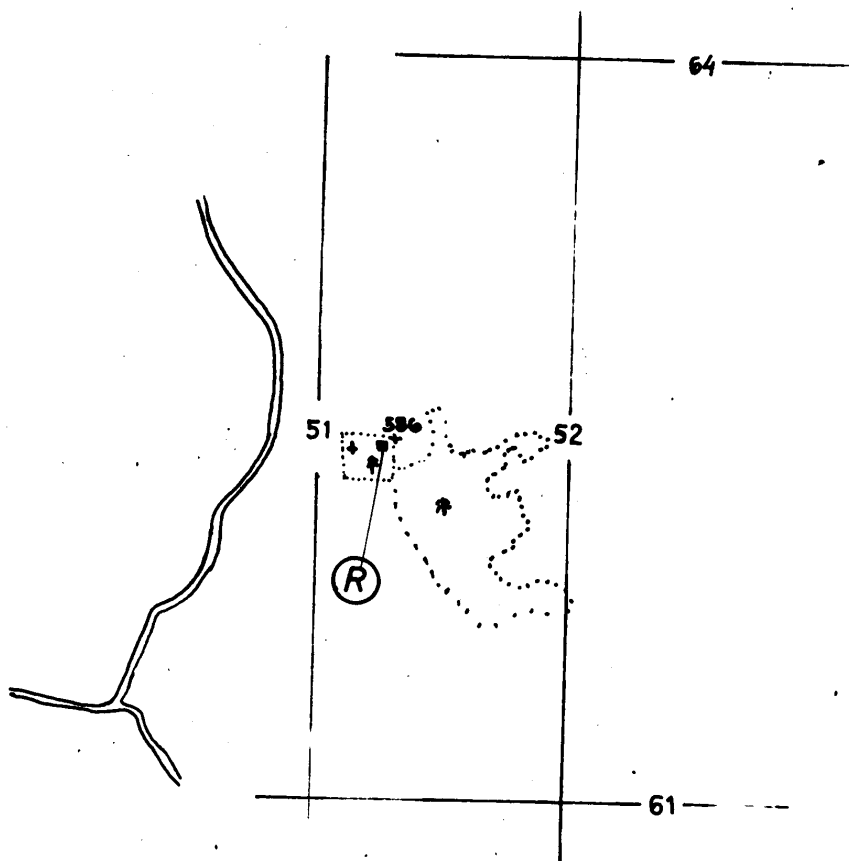
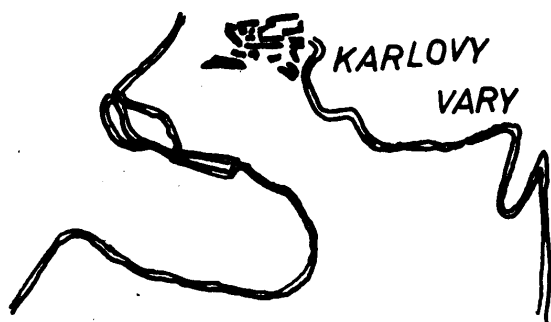
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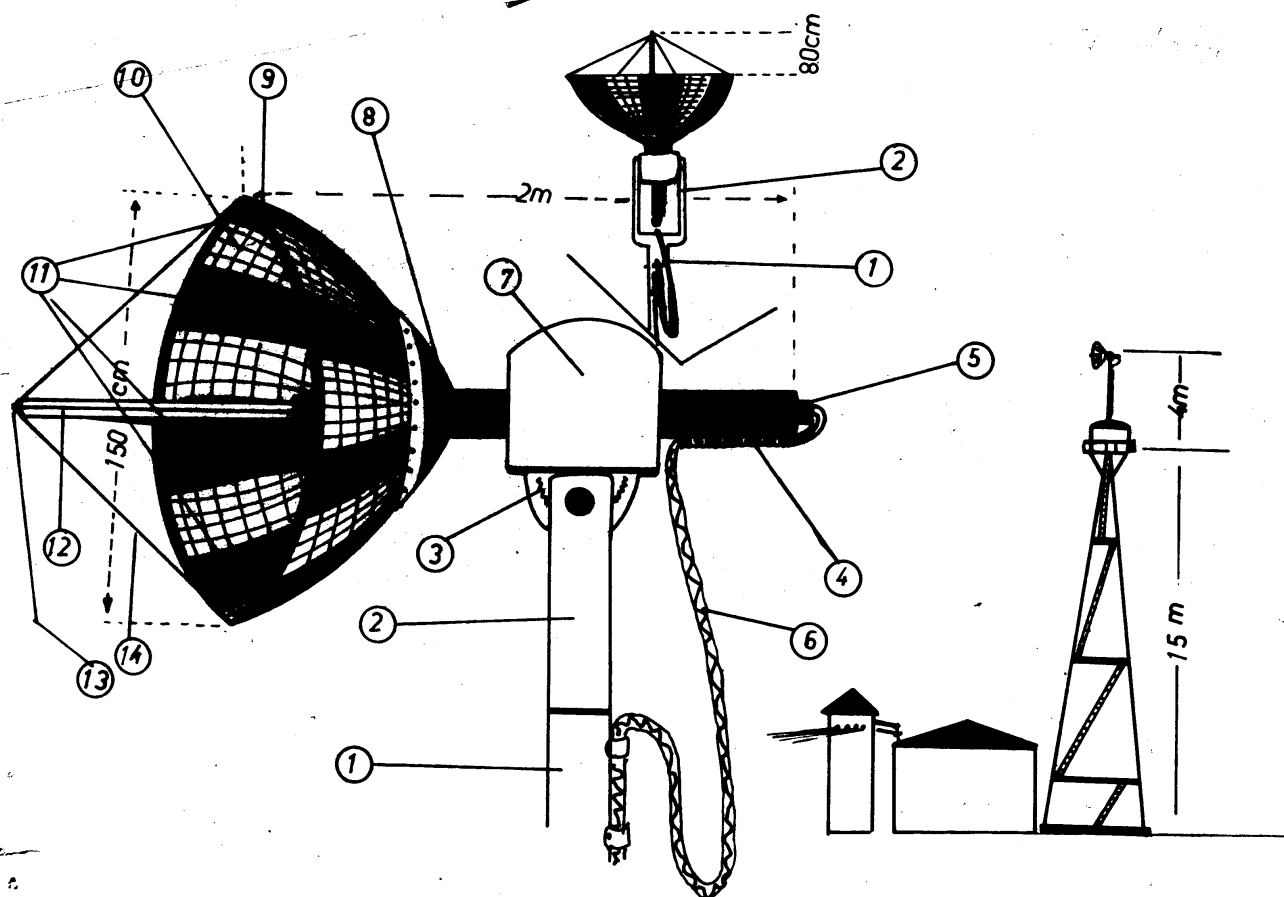
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Attachment: 1

SHEET 3950/1W



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Attachment: 2